

A.



H2-IT-Myc

H2-PDZIP-IT-Myc

B.

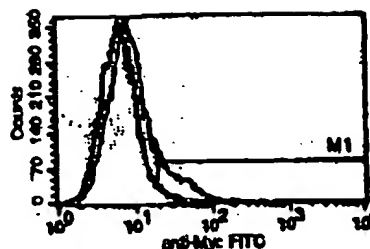


Figure 1. PDZIP facilitate the surface expression of human T1R2.

- A. Immunofluorescence staining of Myc-tagged hT1R2 indicates that PDZIP significantly increases the amount of human T1R2 protein on the plasma membrane (Staszewski, May 15th, 2001, Notebook No. 2, page 76-77).
- B. FACS analysis data demonstrating the same result (Staszewski, June 4th, 2001, Notebook No. 2, page 79). Myc-tagged human T1R2: Green line. Myc-tagged human T1R2 with PDZIP: black line.

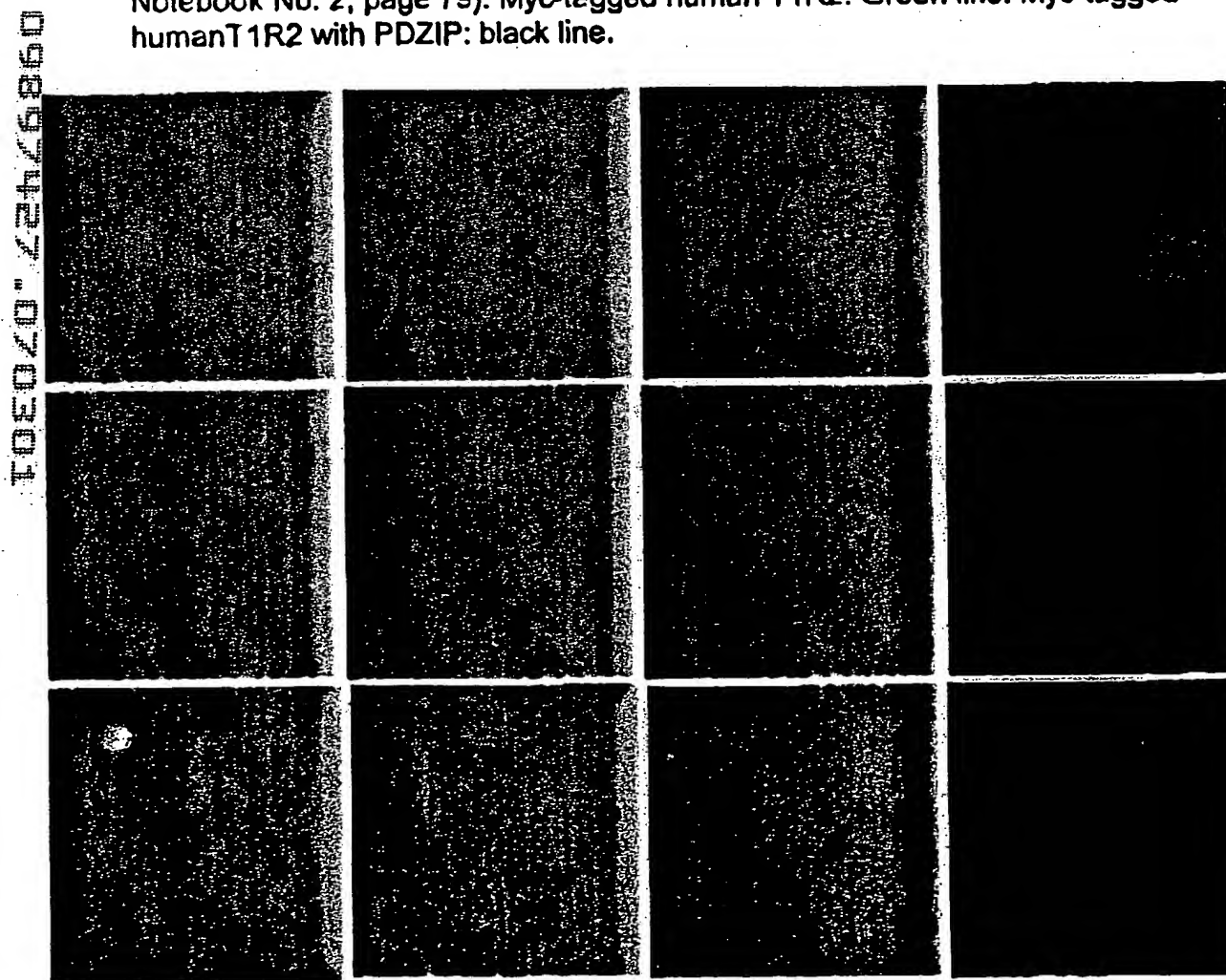


Figure 2. Calcium-imaging data demonstrating hT1R2/hT1R3 responses to a number of sweet stimuli.

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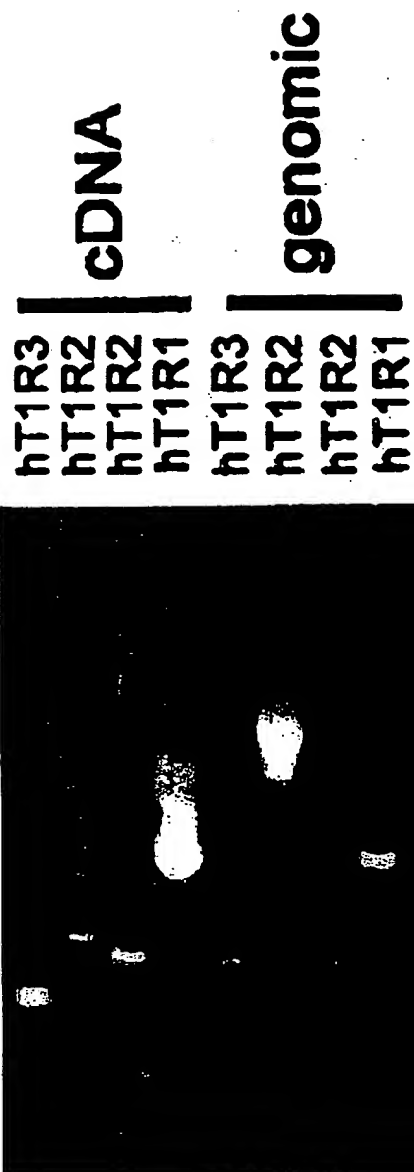
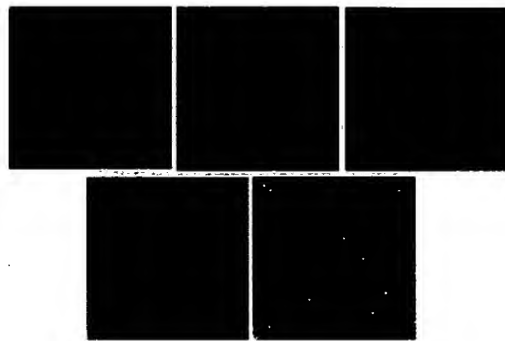


Figure 3. hT1R2 and hT1R3 are expressed in human tongue epithelium. cDNA-specific amplification products can be amplified from cDNA prepared from resected human circumvallate papillae (Echeverri, May 31st, 2001. Notebook No. 2, page 45) .

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Fig. 4

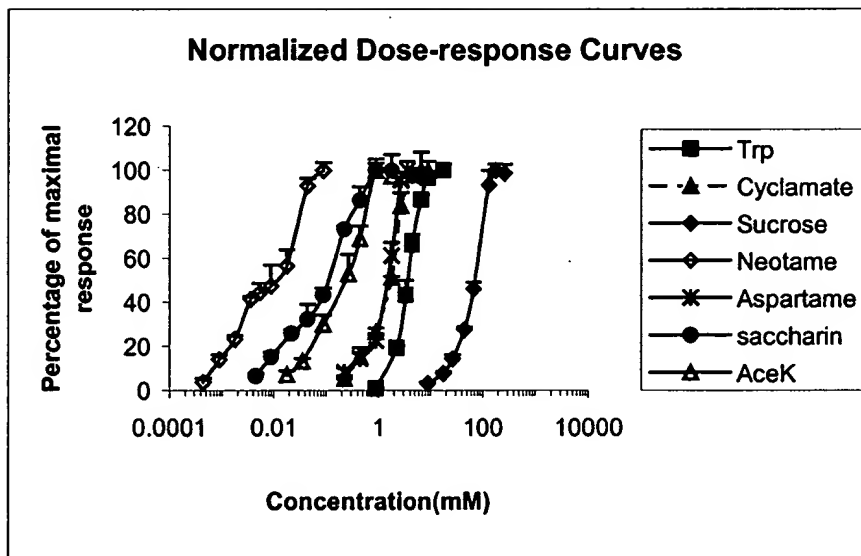


Fig. 5

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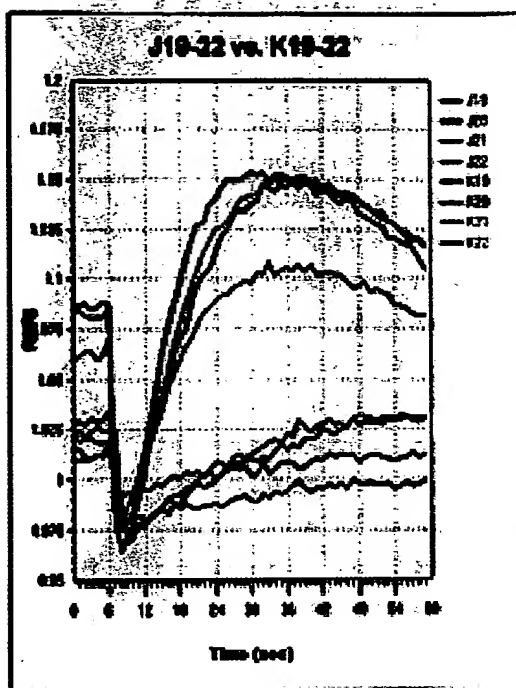
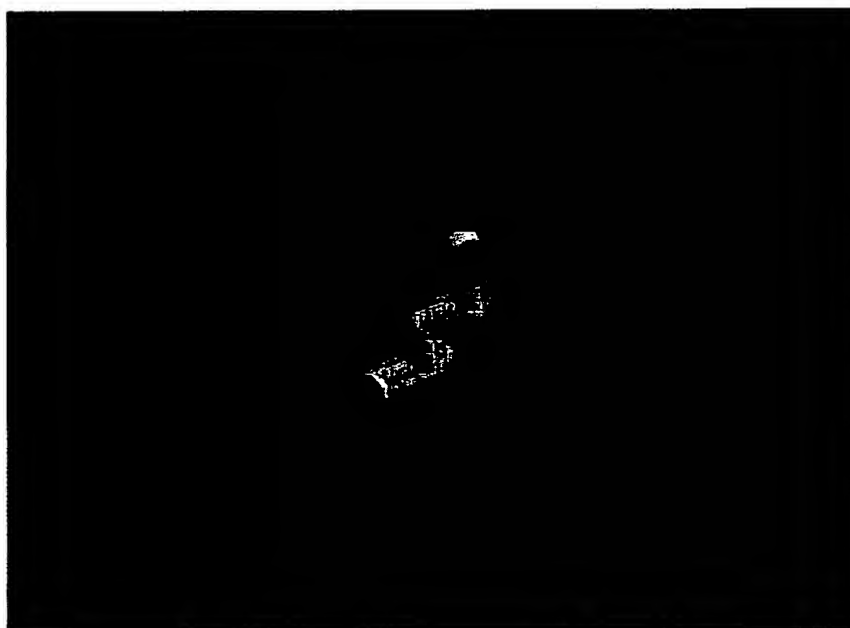


Fig. 6



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Fig. 7